

TRAFFIC COMMISSION REPORT

November 18, 2010

Item VE

TRAFFIC CONTROL PLANS FOR CONSTRUCTION ZONES

ISSUE:

The Traffic Commission requested information on Traffic Control in construction zones. Concern was raised regarding the traffic control set ups around the city and their maintenance

BACKGROUND:

The California Manual on Uniform Traffic Control Devices (California MUTCD) is published by the State of California Department of Transportation and was created to adopt uniform standards and specifications for all official traffic control devices. The California MUTCD, California Sign Specifications and other publications and related current information is available on the Caltrans Internet website at: <http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/>.

The California MUTCD is the standard for all official traffic control devices, under Section 11340.9(h) of California Government Code and Section 21400 of the California Vehicle Code (CVC). In all cases involving new highway or bikeway construction or reconstruction, the traffic control devices installed (temporary or permanent) must be in conformance with the current edition of the California MUTCD before that highway is opened or re-opened to the public for unrestricted travel pursuant to the California Vehicle Code 21401.

The newest version of the California MUTCD is currently finishing public review prior to being formally adopted by the State, and adoption is expected in early 2011. Section 6 of this manual covers "Temporary Traffic Control." Attachment 1 shows the approved signs for use in construction and work areas.

DISCUSSION:

All city and private construction projects in the public right of way are required to have a permit from Public Works "Permit Engineering" to allow the contractor to work. As part of the permit process, the applicant is required to have an insurance bond covering the cost of construction, a traffic control plan, and pay fees for processing and for city inspection time. Since the MUTCD has sections on how to set up traffic control in typical construction zones, a city traffic engineer determines during the permit process if the MUTCD is a sufficient guideline, or if the applicant should prepare a traffic control plan specific for the project site.

Attachments 2 through 5 are samples of recently approved traffic control plans in the city. The hours and days the work can be done (weekdays vs. weekends) are also determined by the traffic department. After the permit is issued, the applicant is

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required to contact the city two days prior to beginning construction for appropriate inspection, during which the inspector must review and approve the traffic control set up.

Occasionally, traffic department staff receives calls from the project inspector or the Police Department if they have concerns and questions regarding the traffic control set up, its efficiency, or any changes which may be required in the field. The MUTCD prohibits use of any signs that are not needed in the working zone, and also requires signs be removed at the end of each day if they do not apply to the area at that time.

CONCLUSIONS:

Public Works already has policies in place to follow the California MUTCD sign guidelines in construction zones.

RECOMMENDATIONS:

Receive and file.

ATTACHMENTS:

Attachment 1- MUTCD, Traffic Control signs
Attachment 2- Sample TCP
Attachment 3- Sample TCP
Attachment 4- Sample TCP

California Sign Chart











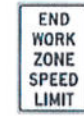















































Sheet 11 of 12 - Federal Temporary Traffic Control Signs

This chart contains commonly used signs in California, and is not meant to be used as a comprehensive sign chart.

California codes are designated by (CA). Otherwise Federal codes are shown. For a complete directory of signs, visit www.dot.ca.gov/hq/traffops/signtech/signindex.htm.

California Department of Transportation
Signs and Work Zones Branch
January 2010



									
E5-2	E5-2a	G20-1	G20-2	G20-4	G20-5aP	M4-8	M4-8a	M4-9a	M4-10
									
R2-12	R3-1	R4-1	R9-11a	R11-2	R11-2 (Alternates)	R11-3a	R11-4	W1-4	W1-6
									
W1-8	W3-3	W3-4	W3-5	W3-5a	W4-1	W4-2	W8-6	W8-7	W8-9
									
W9-3	W8-12	W12-1	W12-2	W14-3	W16-2	W20-1	W20-1 (Alternate)	W20-2	W20-3
									
W20-3 (Alternate)	W20-4	W20-5	W20-5a	W21-1	W21-1a	W21-2	W21-3	W21-5	W21-5a
									
W21-6	W21-7	W22-1	W22-2	W22-3	W23-1	Paddle	Paddle		

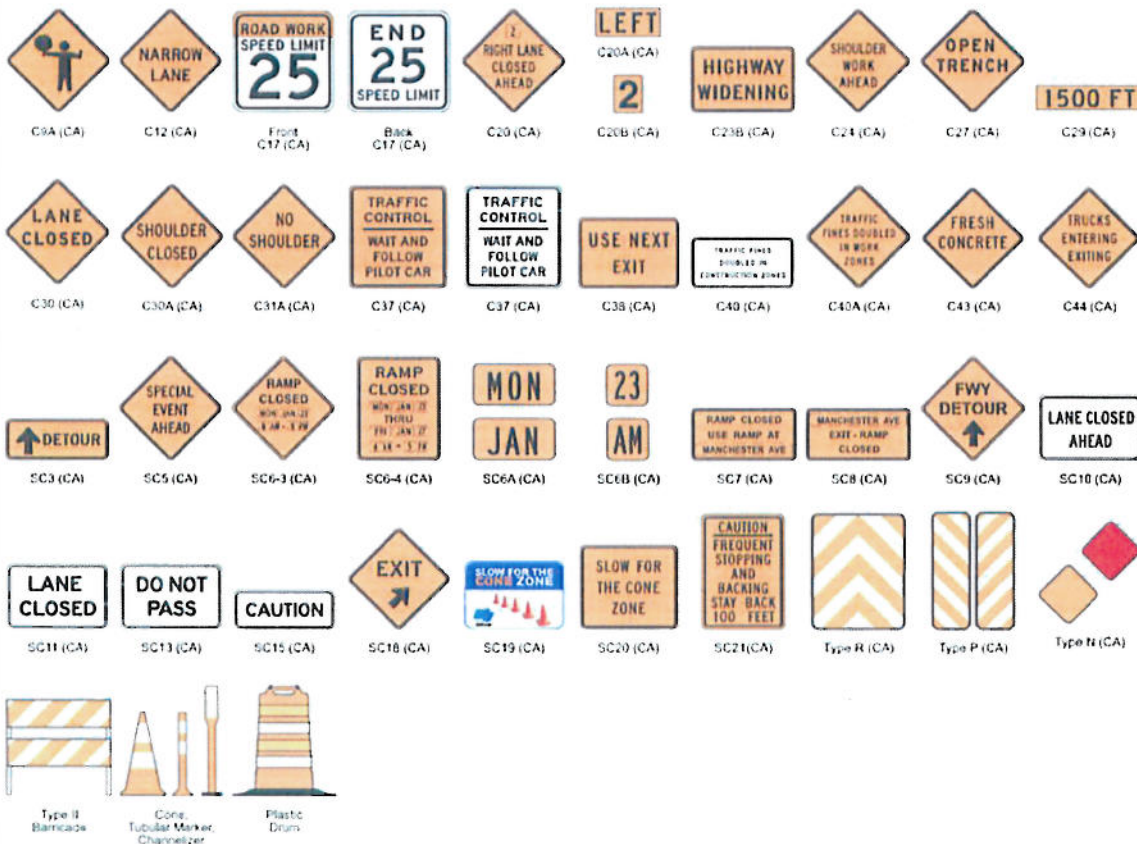
California Sign Chart

Sheet 12 of 12 - California Temporary Traffic Control Signs

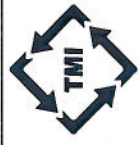
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California Department of Transportation
Signs and Work Zones Branch
January 2010



REV#	DATE	REVISION DESCRIPTION



**TRAFFIC
MANAGEMENT, INC.**
California - Good Labor - New York
800.763.3999
www.trafficmanagement.com

Traffic Control Services
Permits & Consulting
Engineering
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LICENSE #70504 - Class 31

**CITY OF
BURBANK**

**EMPIRE WATER
PROOFING**

500 S. BUENA VISTA ST

DATE

PREPARED BY

09/15/2010

SUBMITTAL DATE

09/15/2010

REVISION DATES

DATE

ACCEPTED BY

DATE

Plan Order # 5667

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Plan Order # 5667

0' 30' 60'

SCALE: 1" = 40'

**SHEET
1 OF 1**

CENTRAL NOTES-TRAFFIC CONTROL

It is the responsibility of the contractor performing work to install and maintain the traffic control devices as shown herein, as well as any such additional traffic control devices as may be required to ensure the safe movement of vehicular and pedestrian traffic through or around the closure area and provide maximum protection and safety to workers.

All traffic control devices shall be kept in their proper position at all times and shall be replaced, replaced or removed as directed by the project engineer or the project engineer's representative.

All traffic control devices shall conform to the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD) 2003 Edition, Part 1, Chapter 6B.

Any provisions to these drawings shall be approved in writing by the Engineer of Record and the Agency having jurisdiction.

The City Traffic Engineering Division reserves the right to change the traffic control operations and the safety of the contractor.

Any forward change shall require these plans and shall be implemented at the sole expense of the contractor.

All flashing arrow signs shall be color preserved.

Contractor shall provide flagmen as necessary to give adequate warning to traffic or to the public of any dangerous condition to be encountered.

Contractor shall remove temporary traffic delineation, signage, and other devices when no longer required, and shall restore area to original condition.

Contractor shall cover existing signs where they conflict with construction closures and signage.

All open excavations or construction work shall be a minimum of 5 feet from any operating traffic lanes.

Contractor shall post work or pavement signs, and ramp vertical pavement offset of 1 inch or more with asphalt for smooth transition.

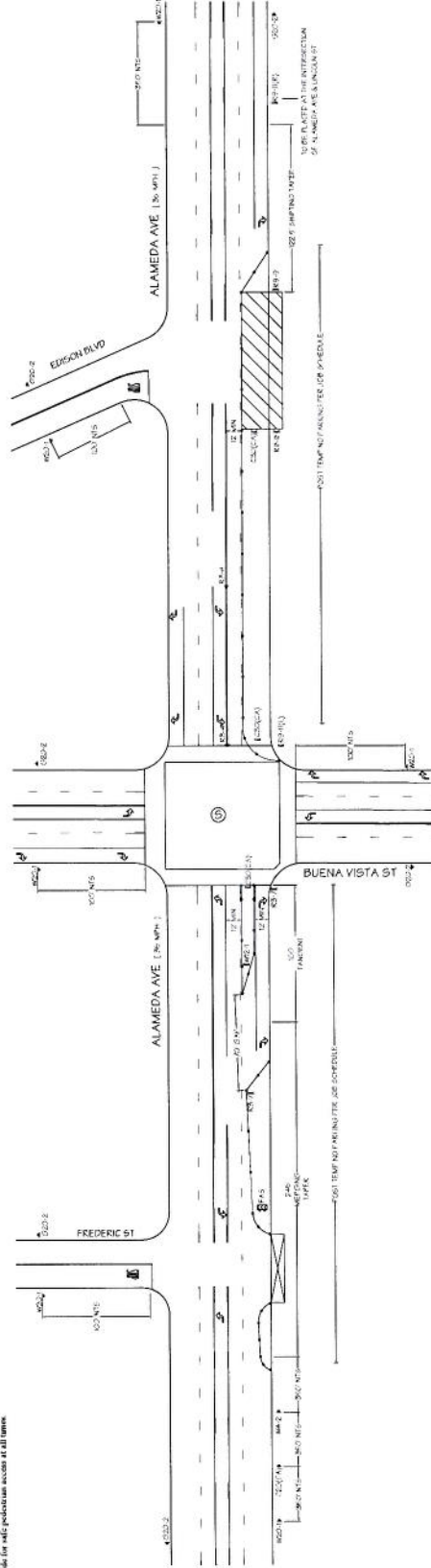
Contractor shall coordinate with the city for any temporary traffic signal timing modifications.

All signing and marking shall conform to section 11b-16 of the standard specifications for public works construction. Temporary construction signs (orange globe) may be used in lieu of painted tapering.

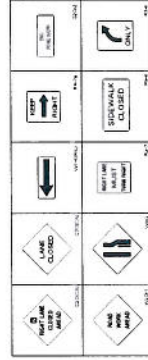
The contractor shall provide for access to all adjacent properties during work hours. Construction operations shall be conducted in such a manner as to cause as little inconvenience as possible to adjoining property owners/operators.

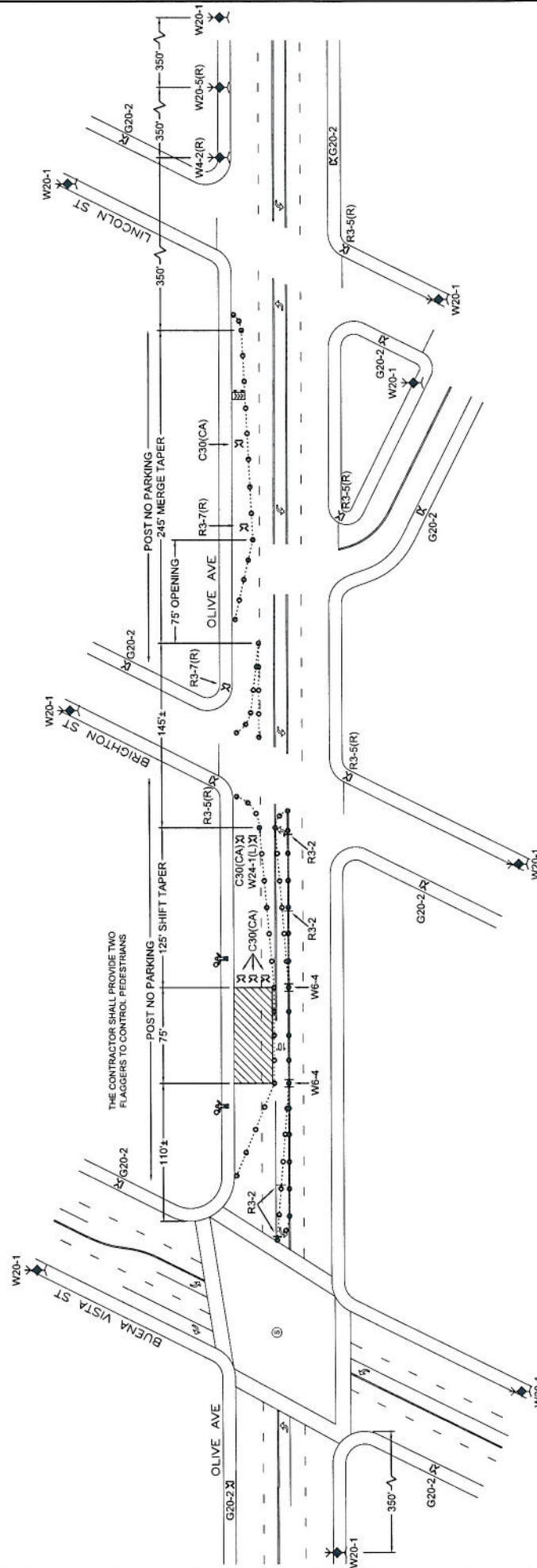
All signs shall be illuminated and standard size.

The contractor shall provide for safe pedestrian access at all times.



- LEGEND:**
- WORK AREA
 - HIGH LEVEL WARNING DEVICE
 - FLASHING ARROW SIGN (P.S.)
 - ALASER
 - TYPE OF SIGNAGE
 - TYPE OF SIGNAGE
 - CHANGELIGHT DEVICE
 - CON
 - FLASHING SIGN





COMPANY:	MAXIM CRANE
PROJECT NAME/ADDRESS:	2411 WEST OLIVE AVENUE, BURBANK
DATE AND TIME OF PROJECT:	09-25-10 7:00 AM TO 3:00 PM
PHONE:	(626) 930-9292
FAX:	(626) 930-9220
PREPARED BY:	BEN @ RIGHT OF WAY, INC.
SHEET NUMBER:	1 OF 1